



## WQSL Bacteriological Monitoring Report for 1-17-11

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01/17/2011 01:25 PM

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## Results of Analyses

## Waimanalo Gulch Sanitary Landfill Monitoring

January 17, 2011

Samples collected Sunday, January 16, 2011 (4<sup>th</sup> day):

Collection				
<u>Station</u>	<u>Time</u>	<u>Enterococci</u> <sup>1</sup>	<u>C. perfringens</u> <sup>2</sup>	<u>Salinity</u>
Fountain	9:57 A.M.	2,400	73	1.0
Farrington Hwy.	9:05 A.M.	19,000	150	0.1
West Station	8:25 A.M.	840	20	33.8
Ocean Outlet	7:50 A.M.	39,000	170	5.0
East Station	7:36 A.M.	130	9	34.2

<sup>1</sup> EPA-821-12-06-009, Method 1600: Enterococci in Water by Membrane-Filtration using Membrane-Enterococcus Indoxyl-β-D-glucoside agar (mEI) July 2006.

<sup>2</sup> Bisson, J.W., Cabelli, V.J., "Membrane Filter Enumeration Method for *Clostridium perfringens*," Applied and Environmental Microbiology, Jan 1978; Armon, R., Payment, P., "A Modified mCP Medium for Enumerating *C. perfringens* from Water Samples," Canadian Journal of Microbiology, 1988.